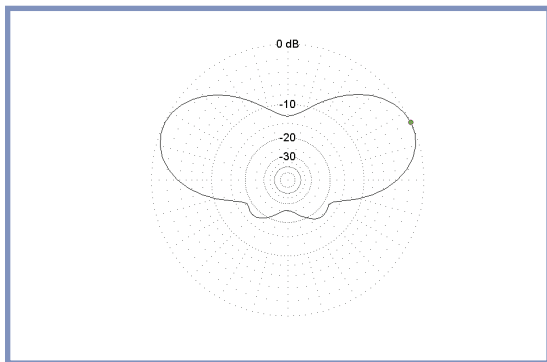


QHA-4 Antenna

Quadrifilar Helix Antenna with Ring Hybrid feed
Connector: TNC Female

The QHA family of antennas was developed to provide a compact solution for pattern-tailored circularly polarized antennas. This rugged antenna is omnidirectional when the antenna is vertical. The pattern is slightly elevated to allow overhead coverage. The base of the antenna includes a special flat with a #10-32 threaded hole, 0.25-in. deep for mounting. It is available in both RHCP and LHCP versions.

This antenna is used in The MiniPlix products.



Specifications

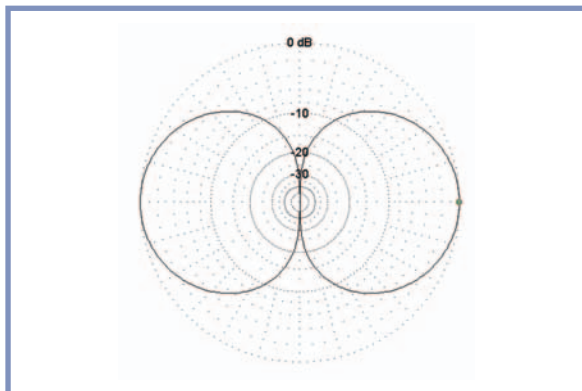
Type	Quadrifilar Helix with Ring-hybrid feed
Polarization	Circular
Peak Gain	4 dBi at 24° above horizon
Horizontal Beamwidth	Omnidirectional
Vertical Beamwidth	46°
Nominal Impedance	50 ohms
Groundplane Requirements	Not required
Size	8.0" L x 1.25" dia.
Weight	3.7 oz. (105 g)
DTC Part Number	Frequency Range
QHA-4-2-R	2.4 to 2.5 GHz, RHCP
QHA-4-2-L	2.4 to 2.5 GHz, LHCP
QHA-4-1-R	1.7 to 1.9 GHz, RHCP
QHA-4-1-L	1.7 to 1.9 GHz, LHCP

(MDS1920055 07NOV06)

ANT-A-2-xx Antenna

2 dBi Dipole
Connector: SMA Male

The ANT-A-2-xx is a rugged, lightweight linearly polarized dipole with articulating base for use in the 1.7 GHz microwave video S bands or L bands. It can be mounted directly on the video RF transmitter, or used at the end of a cable with a compatible connector. This antenna is groundplane independent.



Elevation Pattern



Specifications

Type	Sleeve Dipole
Polarization	Linear
Peak Gain	2 dBi
Horizontal Beamwidth	Omnidirectional
Vertical Beamwidth	77°
Nominal Impedance	50 ohms
Groundplane Requirements	Not required
Dimensions	4.0" H x 0.375" dia.
Weight	1oz. (28 g)

